



U.S. DEPARTMENT OF  
**ENERGY**



**Presentation to the  
Environmental Management's Advisory Board**

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# **The State of Savannah River Site**

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**EM Environmental Management**

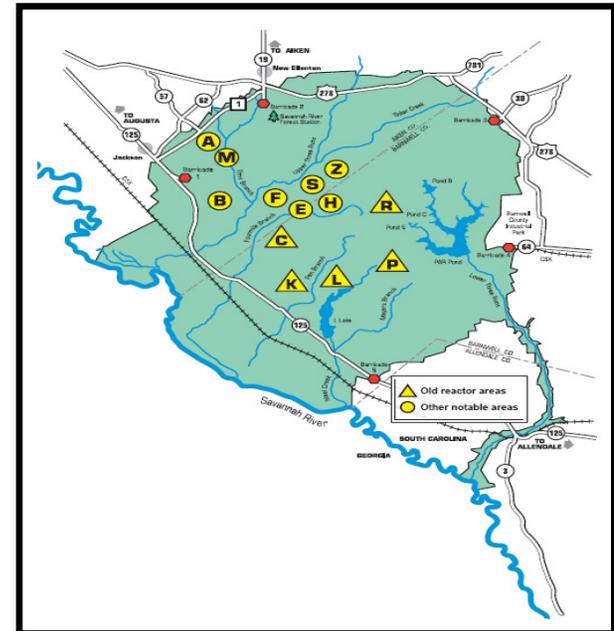
safety ❖ performance ❖ cleanup ❖ closure

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# Savannah River Site Long-Term Asset

## TODAY

- Multi-program Site: DOE–Environmental Management and NNSA missions
- EM cleanup mission is a top priority
- Making measurable progress in cleanup of legacy waste contamination
- National asset with ongoing missions of importance to our Nation
- Dedicated and skilled Federal workforce
- Highly skilled contractor workforce ~13,000 employees
  - Savannah River Nuclear Solutions
  - Savannah River Remediation
  - Parsons
  - Wackenhut
  - Shaw AREVA
  - U.S. Forest Service
  - University of GA
  - Recovery Act Hires/Subcontractors



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# SRS EM Mission

**Safely and Efficiently Clean Up Environmental Legacy \* Reduce Risk  
Protect Public Health and Environment \* Transform Site for the Future**

## WHERE WE STARTED



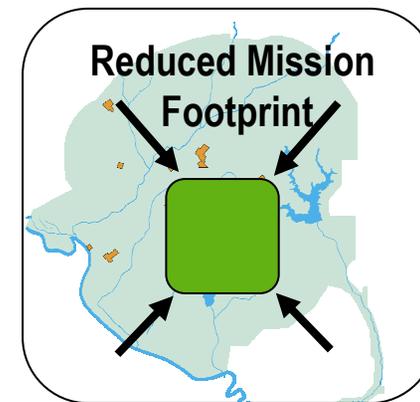
- 800+ contaminated facilities, soils and groundwater
- Excess nuclear materials
- 37 million gallons radioactive liquid tank waste

## ONGOING MISSIONS



- Science leadership
- Innovative technology
- National security
- Nuclear nonproliferation
- Homeland security
- Energy independence

## THE FUTURE



- Cleanup of nuclear waste and environmental legacy complete
- Home to ongoing missions of national importance



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# SRS Budget Summary [\$M]

## *EM – Environmental Management*

EM FUNDING	FY 2010 President's Budget
Environmental Cleanup	1,210
Safeguards & Security	132
Federal Program Direction	60
<b>TOTAL</b>	<b>1,402</b>

**AMERICAN RECOVERY AND REINVESTMENT  
ACT**

**1,615**



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# SRS is Getting the Job Done

***Proven Track Record = SUSTAINED public confidence  
in the Site's people and capabilities***

## **CLEANUP SOLUTIONS THAT RESOLVE THE NUCLEAR WASTE LEGACY**

- Turning radioactive liquid waste to a solid, safe form for disposal since 1996
- Disposing of salt waste
- Emptying and closing radioactive waste tanks
- Completing disposal of solid waste [>30,000 drums of TRU waste dispositioned]
- Protecting groundwater with technologies developed at SRNL [state-of-the-art]
- Single integrated cleanup of large contaminated areas [saving \$\$ and time]
- Decommissioned over 240 facilities, or approx. 2.5 million square feet
- Remediated over 330 of 515 waste units



## **GATEWAY FOR NATIONWIDE NUCLEAR MATERIALS CONSOLIDATION AND ULTIMATE DISPOSITION**

- Maintaining critical infrastructure and capabilities [H Canyon, K Area]
- Placing nuclear materials in a form for re-use or safe disposal
- Recycling uranium for commercial power production
- De-inventory and shutdown of other facilities to reduce cost & enhance security

**CONTINUING VITAL MISSIONS FOR NATIONAL SECURITY AND ENERGY INDEPENDENCE**



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# More Opportunities for Success

## SRS Recovery Act Footprint Reduction Project



### ***\$1.6B ARRA FUNDING WILL:***

- **CREATE** jobs
- **STIMULATE** local economy
- **ACCELERATE** SRS cleanup program
- **REDUCE** SRS industrial area by 45 percent by Sept. 2011
- **ENABLE** reuse of DOE resources, including land and infrastructure
- **ENSURE** reduction of environmental risk with large return on investment

### ***TAKING RECOVERY AND RESULTS FORWARD AT SRS - TO DATE:***

**2,052 Recovery Act jobs saved or created**  
**30,000th drum and 1,000th shipment of TRU waste shipped to WIPP**  
**Shipments of remote-handled TRU waste begun**  
**P and R reactor deactivation activities underway**  
**Decommissioning of A Area facilities started**



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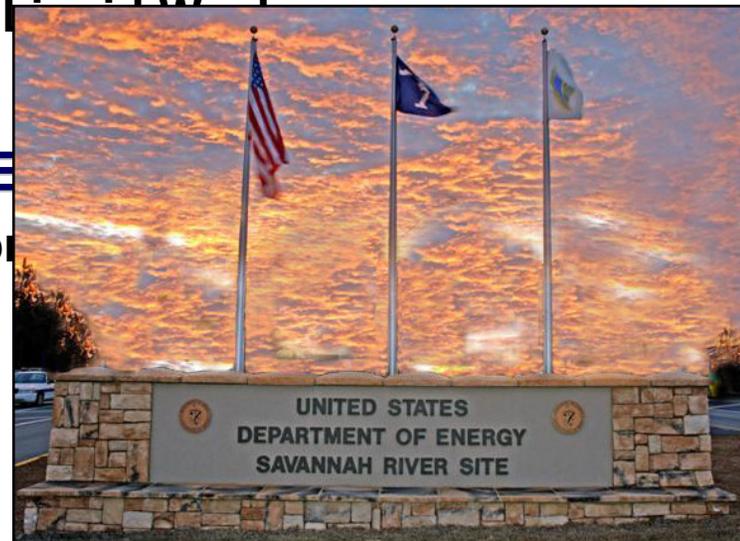
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# Focused Priorities for SRS Team

Superior Performance \* Raising the Bar Continually \* Securing the  
Future

- **ACCELERATE CLEANUP WITH RECOVERY ACT FUNDING**
  - Strong DOE and contractor oversight
  - Funds spent wisely and work completed on schedule
  - Openness and accountability to taxpayers
- **MAINTAIN PERSPECTIVE**
  - Disposition of Nuclear Materials and Environmental Work remain high priority projects
- **DEMONSTRATE ABILITY TO DELIVER**
  - Support National EM program mission
  - Meet cleanup commitments
  - Execute all work safely
  - Make remarkable reductions in risks
  - Cut lifecycle costs.



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